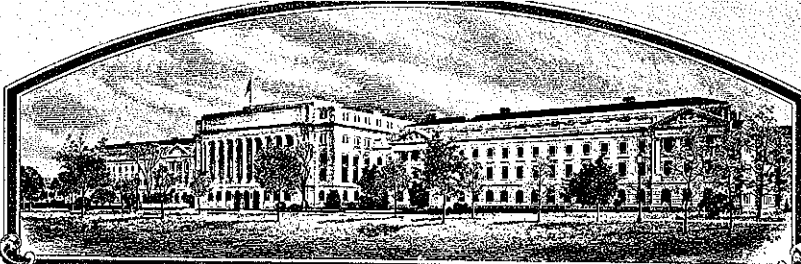


No.

7800057



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Agway, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE
Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *seventeen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT (7 U.S.C. 2321 ET SEQ.)

PUMPKIN

'Little Boo'



Attest:

Bernard H. Lee
Commissioner
Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

In Testimony Whereof, I have hereunto set
my hand and caused the seal of the Plant
Variety Protection Office to be affixed
at the City of Washington
this 16th day of August in
the year of our Lord one thousand nine
hundred and seventy-nine

Robert B. Bennett
Secretary of Agriculture

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: See Reverse.

1a. TEMPORARY DESIGNATION OF VARIETY		1b. VARIETY NAME Little Boo		FOR OFFICIAL USE ONLY	
2. KIND NAME Pumpkin		3. GENUS AND SPECIES NAME Curcubita pepo		PV NUMBER 7800057	
4. FAMILY NAME (BOTANICAL) Cucurbitaceae		5. DATE OF DETERMINATION 12/13/77		FILING DATE 4-5-78	
6. NAME OF APPLICANT(S) Agway, Inc.		7. ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) Box 4933 Syracuse, N.Y. 13221		TIME 3:00 P.M.	
9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (Corporation, partnership, association, etc.) Corporation		10. IF INCORPORATED, GIVE STATE AND DATE OF INCORPORATION Delaware, 1964		DATE 4-5-78	
				FEE RECEIVED \$ 250.00 \$ 250.00 \$ 250.00	
				8. TELEPHONE AREA CODE AND NUMBER (315) 477-6901	
				11. DATE OF INCORPORATION Jan. 2, 1964	

12. Name and mailing address of applicant representative(s), if any, to serve in this application and receive all papers:

William Mohn
Agway Inc.
Seed Division - Box 4933
Syracuse, N.Y. 13221

JAMES A. MATHESON
AGWAY, INC.
VEGETABLE SEED FARM, BOX 336
PROSPECT, PA. 16052

RJS 5/31/79

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

- ☒ 13A. Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)
- RJS ☒ 13B. Exhibit B, Novelty Statement.
- ☒ 13C. Exhibit C, Objective Description of the Variety (Request form from Plant Variety Protection Office.)
- ☒ 13D. Exhibit D, Additional Description of the Variety.

14A. Does the applicant(s) specify that seed of this variety be sold by variety name only as a class of certified seed?
(See Section 83(a). (If "Yes," answer 14B and 14C below.)☐ YES ☒ NO

14B. Does the applicant(s) specify that this variety be limited as to number of generations?

☐ YES ☒ NO

14C. If "Yes," to 14B, how many generations of production beyond breeder seed?

☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

15. Does the applicant(s) agree to the publication of his/her (their) name(s) and address in the Official Journal?

☒ YES ☐ NO

16. The applicant(s) declare(s) that a viable sample of basic seed of this variety will be deposited upon request before issuance of a certificate and will be replenished periodically in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

2-23-78
(DATE)William E. Mohn
(SIGNATURE OF APPLICANT)

1

(DATE)

(SIGNATURE OF APPLICANT)

INSTRUCTIONS

2,500 Viable seeds \$500.
GENERAL: Send an original copy of the application, exhibits and \$250.00 fee to U.S. Dept. of Agriculture, Agricultural Marketing Service, Grain Division, National Agricultural Library, Beltsville, Maryland 20705. (See Section 180.175 of the regulations and rules of practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

ITEM

5 Give the date the applicant determined that he had a new variety based on (1) the definition in Section 41(a) of the Act and (2) the date a decision was made to increase the seed.

13a Give (1), the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method. (2), the details of subsequent stages of selection and multiplication. (3), the type and frequency of variants during reproduction and multiplication and state how these variants may be identified and (4), evidence of stability.

13b Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties; (1) identify these varieties and state all differences objectively; (2) Attach statistical data for characters expressed numerically and demonstrate that these differences are significant; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty.

13c Fill in the Exhibit C, Objective Description form for all characteristics, for which you have adequate data.

13d Describe any additional characteristics that are not described, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult to describe; such as; plant habit, plant color, disease resistance, etc.

14A If "YES" is specified (seed of this variety be sold by variety name only as a class of certified seed) the applicant may NOT reverse his affirmative decision after the variety has either been sold and so labeled or published or the certificate has been issued. However, if the applicant specifies "NO", he may change his choice. (See Section 180.15 of the Regulations and Rules of Practice.)

Subject: Pumpkin Application No. 7800054, "Little Boo"

Exhibit A - Second Revision

In February 1973, Agway received from a Mr. Howard Doran, Warners, NY, 6 white pumpkins. When grown at our Prospect PA Vegetable Seed Farm in 1973 all 6 seed lots segregated badly. The variants consisted of orange and lemon colored fruits. After four generations of selections from selfed fruits, an open pollinated increase was made in 1977. This planting produced 100% uniform, white pumpkins. In addition, all major plant morphological characters including plant habit, leaf and flower types had been stabilized. From this stock seed, two acres were grown in isolation in 1978. This planting produced 100% white pumpkins of very uniform size and shape. All plant characters were stable with no segregating off-types.

LITTLE BOO PUMPKIN

EXHIBIT "B" - SECOND REVISION

NOVELTY STATEMENT:

Vines are vigorous, attaining approximately 10 feet in length. Foliage is abundant with comparatively small deeply lobed leaves.

Solid white fruit make this a unique variety as an ornamental painting pumpkin for Halloween and fall decoration. Fruit size is very uniform, being under 10 lbs. Shapes are round to slightly higher than broad. The plants are moderately prolific.

The seed cavity conforms to the fruit shape. The seeds are white and are moderately abundant.

The flesh, although edible, is not a good reason for growing this pumpkin. It is white and rather tasteless.

The fruit should be grown for ornamental purpose only.

"Little Boo" differs from most commercial pumpkin varieties in terms of size of fruit, shape, skin color, and usage.

"Little Boo" is most similar to "Spookie" in size of fruit and fruit shape. "Little Boo" differs from "Spookie" in skin color of fruit and usage. "Spookie" has dark orange skin color whereas "Little Boo" has fruit with white skin. "Little Boo" is intended for ornamental usage only while "Spookie" can be used for both decorative and baking purposes.

OBJECTIVE DESCRIPTION OF VARIETY
PUMPKIN/SQUASH/GOURD (CUCURBITA SPP.)

NAME OF APPLICANT(S)

Agway Inc. - Seed Division

VARIETY NAME OR TEMPORARY
DESIGNATION

LITTLE BOO PUMPKIN

FOR OFFICIAL USE ONLY

ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code)

Box 4933
Syracuse, NY 13221

PVPO NUMBER

7800057

Place the appropriate number that describes the varietal character of this variety in the boxes below.

Place a zero in first box (e.g. or) when number is either 99 or less or 9 or less.

1. SPECIES:

 1 = LAGENARIA 2 = MAXIMA 3 = MIXTA 4 = MOSCHATA 5 = PEPO 6 = OTHER (Specify) _____

2. KIND (According to use):

 1 = PUMPKIN 2 = SQUASH 3 = GOURD

3. TYPE:

 1 = SUMMER (Vegetable Marrow) 2 = WINTER (Boston Marrow)

4. COTYLEDON:

 MM. LONG MM. WIDE Apex: 1 = TAPERED 2 = ROUNDED 3 = NOTCHED Veining: 1 = OBSCURE 2 = PLAINLY VISIBLE
3 = PROMINENT 1 = LIGHT GREEN 2 = GRAY-GREEN 3 = MEDIUM GREEN 4 = DARK GREEN

5. PLANT:

 1 = BUSH 2 = SEMI-BUSH 3 = LONG VINES 1 = PILOSE 2 = PRICKLY 3 = GLABROUS

6. MAIN STEM:

 1 = ROUND 2 = ANGLED MM. DIAMETER AT MID-
POINT OF FIRST INTERNODE CM. AVERAGE LENGTH AVERAGE NUMBER OF INTERNODES

7. LEAVES:

 Shape: 1 = OVATE 2 = ORBICULAR Shape: 1 = NOT LOBED 2 = SHALLOW LOBED
3 = RENIFORM 4 = RETUSE 3 = DEEP LOBED Margin: 1 = ENTIRE 2 = DENTICULATE 3 = DENTATE Margin: 1 = FLAT 2 = FRILLED

AT 3RD INTER NODE - 25 PLANT AVERAGE

 CM. WIDE CM. LONG Surface: 1 = SMOOTH 2 = BLISTERED Dorsal Surface: } 1 = GLABROUS 2 = SOFT HAIRY 3 = BRISTLED
 Ventral Surface: } 1 = LIGHT GREEN 2 = GRAY-GREEN 1 = NOT BLOTCHED 2 = BLOTCHED WITH GRAY
3 = MEDIUM GREEN 4 = DARK GREEN CM. PETIOLE LENGTH

8a. FLOWER - Pistillate:

 CM. DIAMETER Ovary: 1 = DRUM-LIKE 3 = FUSIFORM Pedicel: CM. LENGTH
2 = TURBinate Margin: 1 = STRAIGHT 2 = CURVED Margin: 1 = PLAIN 2 = FRILLED Sepals: MM. WIDTH Sepals: MM. LENGTH Color: 1 = WHITE 2 = LEMON YELLOW 3 = MID-YELLOW 4 = DEEP YELLOW 5 = ORANGE

PU# 7800057

Bb. FLOWER - Staminate:

20 Sepals: MM LENGTH

02 Sepals: MM WIDTH

25 Pedicel: CM LENGTH

5 Color: 1 = WHITE 2 = LEMON YELLOW 3 = MID-YELLOW 4 = DEEP YELLOW 5 = ORANGE

9. FRUIT (Market Maturity)

21 CM LENGTH

16 CM WIDTH (Stem end)

18 CM WIDTH (Blossom end)

3160 GM AVERAGE WEIGHT

5 Shape according to variety type: 1 = ACORN 2 = BANANA 3 = BUTTERCUP 4 = BUTTERNUT
5 = CONNECTICUT FIELD 6 = CROOKNECK 7 = HUBBARD 8 = SCALLOP
9 = STRAIGHTNECK 10 = OTHER (Specify)

2 Apex: 1 = DEPRESSED 2 = FLATTENED

1 Base: 3 = ROUNDED 4 = TAPER POINTED

2 Ribs: 1 = NONE 2 = INCONSPICUOUS 3 = PROMINANT

1 Rib Furrows: 1 = SHALLOW 2 = MEDIUM DEEP 1 Rib Furrows: 1 = NARROW 2 = MEDIUM WIDE 3 = WIDE

2 Fruit Surface: 1 = SMOOTH 2 = FINE WRINKLE 3 = SHALLOWLY WAVY

1 Warts: 1 = NONE 2 = FEW 3 = MANY

01 Blossom Scar Button: 1 = DEPRESSED 2 = SLIGHTLY EXTENDED 3 = RAISED ACORN

10. RIND

03 MM THICKNESS AT MEDIAL

3 1 = SOFT 2 = HARD 3 = WOODY & TOUGH

1 COLOR PATTERN: 1 = REGULAR 2 = IRREGULAR

COLORS: (Select two when necessary, i.e. Grayish-Buff)

1 2

0 4

01 = WHITE 02 = CREAM 03 = YELLOW 04 = BUFF 05 = BROWN 06 = BRONZE 07 = GREEN 08 = ORANGE
08 = PINK 10 = RED 11 = BLUE 12 = GRAY 13 = BLACK 14 = OTHER (Specify)

01 SELF OR GROUND

PATTERN:

STREAKS

STRIPES

SPOTS

BLOTCHES

LACE

01 OTHER (Specify) Solid

LOCATION OF PATTERN COLORS:

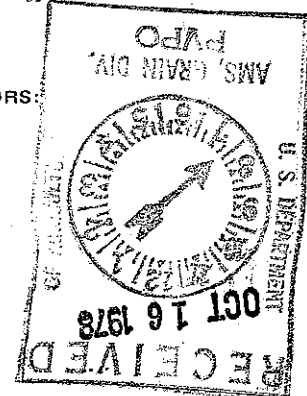
1 = NOT SPECIFIC

2 = STEM END HALF

3 = BLOSSOM END HALF

4 = ACORN OR TORBAN

5 = OTHER (Specify)



11. FLESH

25 Thickness: MM BLOSSOM END

28 Thickness: MM MEDIAL

28 Thickness: MM STEM END

PV # 7800057

<input type="text" value="2"/> Texture: 1 = FINE 2 = GRANULAR 3 = LUMPY 4 = STRINGY	<input type="text" value="2"/> Texture: 1 = SOFT 2 = FIRM 3 = BRITTLE
<input type="text" value="3"/> Texture: 1 = DRY 2 = MOIST 3 = JUICY	<input type="text" value="1"/> Flavor: 1 = INSIPID 2 = SLIGHTLY SWEET 3 = SWEET
<input type="text" value="2"/> Quality: 1 = INEDIBLE 2 = GOOD 3 = EXCELLENT	<input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="0"/> <input type="text" value="1"/> Color: (Choose from rind colors above)

12. SEED CAVITY: (Sectioned apex to base)

<input type="text" value="1"/> <input type="text" value="4"/> CM LENGTH	<input type="text" value="1"/> <input type="text" value="3"/> CM WIDTH
<input type="text" value="1"/> Location: 1 = CONFORMS TO FRUIT SHAPE 2 = NEAR APEX 3 = APEX ONLY	<input type="text" value="3"/> Placental Tissue: 1 = SPARSE 2 = MODERATELY ABUNDANT 3 = ABUNDANT
	<input type="text" value="1"/> Center Core: 1 = INCONSPICUOUS 2 = PROMINANT

13. FRUIT STALKS

<input type="text" value="0"/> <input type="text" value="6"/> CM LENGTH	<input type="text" value="0"/> <input type="text" value="3"/> CM DIAMETER
<input type="text" value="2"/> 1 = ROUND 2 = IRREGULAR	<input type="text" value="2"/> 1 = NOT TWISTED 2 = TWISTED
<input type="text" value="3"/> Texture: 1 = SOFT 2 = SPONGY 3 = HARD	<input type="text" value="2"/> 1 = NOT TAPERED 2 = TAPERED
<input type="text" value="3"/> Surface: 1 = SMOOTH 2 = ROUGH 3 = SPINY	<input type="text" value="3"/> Farrows: 1 = NONE 2 = SHALLOW 3 = DEEP
<input type="text" value="2"/> Detaches: 1 = EASILY 2 = WITH DIFFICULTY	<input type="text" value="3"/> Attachment End: 1 = NOT EXPANDED 2 = SLIGHTLY EXPANDED 3 = EXPANDED
	<input type="text" value="2"/> Color: 1 = LIGHT GREEN 2 = MEDIUM GREEN 3 = DARK GREEN

14. SEEDS

<input type="text" value="1"/> <input type="text" value="8"/> MM LENGTH	<input type="text" value="1"/> <input type="text" value="1"/> MM WIDTH	<input type="text" value="0"/> <input type="text" value="4"/> MM THICKNESS
<input type="text" value="1"/> Face Surface: 1 = SMOOTH 2 = WRINKLED 3 = SLIGHTLY PITTED 4 = SCALY 5 = CREASED	<input type="text" value="1"/> Color: 1 = WHITE 2 = CREAM 3 = BUFF 4 = BROWN	
<input type="text" value="1"/> Luster: 1 = DULL 2 = GLOSSY	<input type="text" value="1"/> Margin: 1 = STRAIGHT 2 = CURVED 3 = TWISTED	
<input type="text" value="1"/> Margin: 1 = ROUNDED 2 = WEDGE-LIKE		
<input type="text" value="1"/> Separation from pulp: 1 = EASY 2 = MODERATELY EASY 3 = DIFFICULT	<input type="text" value="1"/> <input type="text" value="5"/> GMS PER 100 SEEDS	
<input type="text" value="6"/> <input type="text" value="2"/> <input type="text" value="4"/> NO. SEEDS PER FRUIT	<input type="text" value="1"/> 1 = NORMAL 2 = NAKED	

15. DISEASE RESISTANCE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

<input type="text" value="1"/> POWDERY MILDEW	<input type="text" value="0"/> CUCUMBER MOSAIC	<input type="text" value="0"/> SQUASH MOSAIC
<input type="text" value="0"/> WATERMELON MOSAIC	<input type="text" value=""/> OTHER (Specify) _____	

16. INSECT RESISTANCE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

<input type="text" value="1"/> SQUASH BUG	<input type="text" value="1"/> SQUASH BORER	<input type="text" value=""/> OTHER (Specify) _____
---	---	---

17. INDICATE A VARIETY MOST CLOSELY RESEMBLING THAT SUBMITTED FOR EACH CHARACTER

CHARACTER	VARIETY	CHARACTER	VARIETY
PLANT HABIT	Spookie	FRUIT SHAPE	Spookie
LEAF TYPE	Spookie	FRUIT COLOR	?
FLOWER TYPE	Spookie	CULINARY TYPE	Spookie

REFERENCES

- Currence, T. M. 1954. Vegetable Crops Breeding, Department of Horticulture, University of Minnesota.
- Tapley, W.T., Enzie, W.D. and Van Eseltine, G. P., 1937. Vegetables of New York: The Cucurbits 1 (4). J.B. Lyon Company, Albany, New York.
- USDA Farmness Bulletin No. 1086. 1969. Growing Pumpkins and Squashes.
- Whitaker, T.W. and G.N. Davies. Cucurbits. Interscience Publications, Inc., New York, N.Y.

LITTLE BOO PUMPKIN

EXHIBIT "D"

Little Boo was developed as an ornamental pumpkin. It is designated as a "white painting pumpkin". It closely resembles Spookie in fruit size and shape. That is where the resemblance ends.

Little Boo was developed with the amateur artist in mind. A great many Halloween pumpkins are painted rather than carved. The white surface is ideal for painting upon.

The uniqueness of this pumpkin is due to its color, therefore we saw no reason to have comparative yield trials.

LITTLE BOO PUMPKIN

EXHIBIT "E"

STATEMENT OF OWNERSHIP:

The applicant, Agway Inc., is the employer of all breeders involved in the development of the variety Little Boo Pumpkin.



United States
Department of
Agriculture

Agricultural
Research
Service

Northern Plains Area
National Seed
Storage Laboratory

1111 South Mason Street
Fort Collins, CO 80521-4500
Telephone: 970 495-3200
Fax: 970 221-1427

February 14, 1997

Marian R. Minnifield, Secretary
Plant Variety Protection Office
NAL Building, Room 500
10301 Baltimore Boulevard
Beltsville, Maryland 20705-2351

Subject: Expired PVPO's; disposition of

1. The following expired PVPO's have been transferred to the NPGS. Our records have been changed accordingly.

Serial Number		PVP Number
101862	01	PVP 7800029
102219	01	PVP 7800010
102675	01	PVP 7800088
102676	01	PVP 7400011
103506	01	PVP 7800084
103507	01	PVP 7900016
103508	01	PVP 7800082
103840	01	PVP 7900017
103842	01	PVP 7900067
104549	01	PVP 7700106
104551	01	PVP 7100046
314988	01	PVP 9500276
101863	01	PVP 7800026
102222	01	PVP 7800078
102226	01	PVP 7800091
101854	01	PVP 7200134
102214	01	PVP 7605014
102216	01	PVP 7900011
102217	01	PVP 7800095
102218	01	PVP 7800093
102220	01	PVP 7800097
102221	01	PVP 7800042

97 FEB 25 11 06

USDA



United States
Department of
Agriculture

Agricultural
Research
Service

Northern Plains Area
National Seed
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1111 South Mason Street
Fort Collins, CO 80521-4500
Telephone: 970 495-3200
Fax: 970 221-1427

102673	01	PVP 7800059
103502	01	PVP 7800096
103503	01	PVP 7800074
103509	01	PVP 7900044
103510	01	PVP 7900047
103838	01	PVP 7500042
103843	01	PVP 7300101
101859	01	PVP 7200132
102227	01	PVP 7700085
103511	02	PVP 7800028
103839	01	PVP 7900049
103845	01	PVP 7900048
104548	02	PVP 7800057
104550	01	PVP 7800024

97 FEB 25 11 06

USDA

Pumpkin

Sincerely,

Gene Keys

GENE KEYS